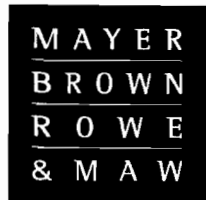


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March 23, 2006

Kathryn Kusske Floyd
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VIA HAND DELIVERY

Ms. Victoria J. Rutson
Chief, Section of Environmental Analysis
Surface Transportation Board
1925 K Street, N.W., Room 504
Washington, D.C. 20423

Re: Finance Docket No. 34658, The Alaska Railroad Corp. -- Petition For Exemption From 49 U.S.C. §10901 To Construct and Operate a Rail Line Between Eielson Air Force Base (North Pole, Alaska) and Fort Greely (Delta Junction)

Dear Ms. Rutson:

Enclosed for your information please find annotated bibliographies prepared by the University of Alaska – Fairbanks (UAF). This material was compiled by UAF at the request of the Alaska Railroad Corporation and covers the Big Delta and Fairbanks Quadrangles.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Kathryn K. Floyd".

Kathryn Kusske Floyd

Enclosure

cc: David C. Navecky, SEA
Alan Summerville, ICF
Eileen Reilly, ARRC
Brett Flint, AARC

General & Engineering Geology:

AGS Staff, 1965, 1965 Inqua Conference guidebook to central Alaska: Alaska Division of Geological & Geophysical Surveys Miscellaneous Publication 4, 141 p.

The following two sections of this publication are relevant to the Big Delta Quadrangle:

MIDDLE TANANA RIVER VALLEY
by Troy L. Péwé
RESUME OF THE QUATERNARY GEOLOGY OF THE MIDDLE TANANA RIVER VALLEY

"This report is concerned with Quaternary geology along the north side of the Tanana River valley from Fairbanks to Big Delta, a distance of approximately 90 miles." Provides Road Log and Locality Descriptions along the Richardson Highway starting at mile 363.2 and ending at mile 275.3.

DELTA RIVER AREA, ALASKA RANGE
by Troy L. Péwé
RESUME OF QUATERNARY GEOLOGY OF THE DELTA RIVER AREA, ALASKA RANGE

This section provides only 12 miles of information in reference to the Big Delta Quadrangle. The Road Log and Locality Descriptions are along the Richardson Highway (starting at mile 275.3 and ending at mile 185.4) and the Denali Highway (starting at mile 0.31 and ending at mile 50). The Richardson Highway crosses into the Mt. Hayes Quadrangle at mile 263.2 and Delta Junction is located just before that at mile 266.

AGS Staff, 1975, Aeromagnetic map, Big Delta Quadrangle: Alaska Division of Geological & Geophysical Surveys Alaska Open-File Report 73, 5 p., 1 sheet, scale 1:250,000.

This is an aeromagnetic map of the Big Delta Quadrangle (black and white plot). Includes flight lines and magnetic contours.

AGS Staff, 1977, Short Notes on Alaskan Geology - 1977: Alaska Division of Geological & Geophysical Surveys Geologic Report 55, 50 p.

The following two sections of this report are relevant to the Big Delta Quadrangle:

Bundtzen, T.K., and **Reger**, R.D., 1977, The Richardson lineament - a structural control for gold deposits in the Richardson mining district, interior Alaska, in AGS Staff, Short Notes on Alaskan Geology - 1977: Alaska Division of Geological & Geophysical Surveys Geologic Report 55G, p. 29-34.

THE RICHARDSON LINEAMENT - A STRUCTURAL CONTROL FOR GOLD DEPOSITS
IN THE RICHARDSON MINING DISTRICT, INTERIOR ALASKA
By T.K. Bundtzen and R.D. Reger

This section of the report is a brief on gold occurrences along the Richardson Lineament located along the southern margin of the Yukon-Tanana upland. This area is northeast of the Richardson Highway and south of the Salcha River. Includes geochemical analyses of rocks from the Richardson area and a geologic map of the Banner-Tenderfoot Creeks area.

Metz, P.A., 1977, Comparison of mercury-antimony-tungsten mineralization of Alaska with strata-bound cinnabar-stibnite-scheelite deposits of the Circum-Pacific and Mediterranean regions, in AGS Staff, Short Notes on Alaskan Geology - 1977: Alaska Division of Geological & Geophysical Surveys Geologic Report 55I, p. 39-41.

COMPARISON OF MERCURY-ANTIMONY-TUNGSTEN MINERALIZATION OF

ALASKA WITH STRATA-BOUND CINNABAR-STIBNITE-SCHEELITE
DEPOSITS OF THE CIRCUM-PACIFIC AND MEDITERRANEAN REGIONS

By P.A. Metz

This section identifies Mercury-Antimony-Tungsten mineral occurrences in Alaska. The Yukon-Tanana Uplands is reported as one of the sources. A table is included to briefly describe the major and minor metal occurrences and characteristics in different locations

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, 7200 Hz coplanar resistivity of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-3A, 1 sheet, scale 1:63,360.

This is a resistivity map (full-color plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Topography included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, 7200 Hz coplanar resistivity of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-3B, 1 sheet, scale 1:63,360.

This is a resistivity map (full-color plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Resistivity contours and section lines included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, 7200 Hz coplanar resistivity of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-3C, 1 sheet, scale 1:63,360.

This is a resistivity map (black and white plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Resistivity contours and section lines included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, 900 Hz coplanar resistivity of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-4A, 1 sheet, scale 1:63,360.

This is a resistivity map (full-color plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Topography included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, 900 Hz coplanar resistivity of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-4B, 1 sheet, scale 1:63,360.

This is a resistivity map (full-color plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Resistivity contours and section lines included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, 900 Hz coplanar resistivity of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-4C, 1 sheet, scale 1:63,360.

This is a resistivity map (black and white plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Resistivity contours and section lines included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Color shadow magnetic map of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-1C, 1 sheet, scale 1:63,360.

This is a magnetic map (full-color plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Flight lines of the southeastern extension of the Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-5A, 1 sheet, scale 1:63,360.

These are the flight lines of the 2002 southeastern extension of the Salcha River-Pogo Survey. Involves the B-2 and B-1 Big Delta Quadrangles. Topography included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Gridded and vector data of airborne geophysical survey data for the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-3, 1 disk.

Geophysical data of the 2002 Salcha River- Pogo Survey. Gridded and vector data available on CD-ROM only. Gridded data in Geosoft format. Vector files in Autocad 14 dxf files.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Line, gridded, and vector data of airborne geophysical survey data for the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-2, 2 disks.

Geophysical data of the 2002 Salcha River- Pogo Survey. Line, gridded and vector data available on CD-ROM only. Line data in ASCII format. Gridded data in Geosoft format. Vector files in Autocad 14 dxf files.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Plot files of the airborne geophysical survey data of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1, 1 disk.

Plot files of the 2002 Salcha River-Pogo survey. Data available on CD-ROM only. Contains reports GPR 2002-1-1A through GPR 2002-1-5A in .prn printer file format.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration

Management Corp., and Burns, L.E., 2002, Total magnetic field and detailed electromagnetic anomalies of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-2A, 1 sheet, scale 1:63,360.

This is a total magnetic field map (black and white plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the northern part of B-2 and B-1 Big Delta Quadrangles. Magnetic contours, detailed electromagnetic anomalies, and topography are included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Total magnetic field and detailed electromagnetic anomalies of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-2B, 1 sheet.

This is a total magnetic field map (black and white plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the southern part of B-2 and B-1 Big Delta Quadrangles. Magnetic contours, detailed electromagnetic anomalies, and topography are included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Total magnetic field and electromagnetic anomalies of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-1D, 1 sheet.

This is a total magnetic field map (black and white plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Magnetic contours, simplified electromagnetic anomalies, and section lines are included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Total magnetic field of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-1A, 1 sheet, scale 1:63,360.

This is a total magnetic field map (full-color plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Topography included.

Alaska Division of Geological & Geophysical Surveys, Fugro Airborne Surveys, Stevens Exploration Management Corp., and Burns, L.E., 2002, Total magnetic field of the southeastern extension of Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-1-1B, 1 sheet, scale 1:63,360.

This is a total magnetic field map (full-color plot) of the southeastern extension of the Salcha River-Pogo Survey in the Goodpaster mining district. Involves the B-2 and B-1 Big Delta Quadrangles. Magnetic contours and section lines are included.

Albanese, M.D., 1984, Geochemical reconnaissance of the upper Chena River area, central Alaska: analytical data on stream sediment, pan concentrate, and rock samples: Alaska Division of Geological and Geophysical Surveys Report of Investigation 84-4, 30 p.

This report involves geochemical analysis of stream sediment, pan concentrate, and rock samples from the upper Chena River. Includes a map of sample locations in Big Delta

quadrangles D-2 and D-3 and Circle quadrangles A-2 and A-3.

Albanese, M.D., and Campbell, B.W., comps., 1987, Placer mining-jobs for Alaska: Proceedings of the Ninth Annual Alaska Conference on Placer Mining-1987: Alaska Division of Geological & Geophysical Surveys Miscellaneous Publication 9, 321 p.

This publication presents various topics in placer mining. The following is the only article relevant to the Big Delta Quadrangle:

Smith, T.E., 1987, North Star Gold Investigations, in Albanese, M.D., and Campbell, B.W., comps., Placer mining-jobs for Alaska: Proceedings of the Ninth Annual Alaska Conference on Placer Mining-1987: Alaska Division of Geological & Geophysical Surveys Miscellaneous Publication 9Q, p. 183-188.

North Star Gold Investigations
by
T.E. Smith

This article focuses on gold occurrences in Interior Alaska. Describes the stratigraphic and lithologic patterns of the Interior and their impact on future gold investigations.

Aleinikoff, J.N., and Nokleberg, W.J., 1989, Age of deposition and provenance of the Cleary Sequence of the Fairbanks Schist Unit, Yukon-Tanana Terrane, east-central Alaska, in Dover, J.H., ed., Geologic studies in Alaska by the U.S. Geological Survey, 1988: U.S. Geological Survey Bulletin 1903, p. 75-83.

This article discusses the age of the Cleary sequence and its occurrences within the Fairbanks Schist Unit and the Yukon-Tanana terrane. Includes figures.

Allegro, G.L., 1987, The Gilmore Dome tungsten occurrences, Fairbanks mining district, Alaska: a preliminary report: Alaska Division of Geological & Geophysical Surveys Public Data File 85-53, 26 p., 7 sheets, scale 1 inch = 10 feet.

This report gives a detailed geochemistry of Gilmore Dome and describes the origins of its tungsten deposits. Includes maps, tables, and figures involving the Spruce Hen Prospect, the Yellow Pup Tungsten Mine, and the GIL Trenches.

Athey, J.E., Weldon, M.B., Szumigala, D.J., Newberry, R.J., and Johnson, M.R., 2002, Major oxide, minor oxide, trace element, and geochemical data from the rocks collected in the Big Delta Quadrangle, Alaska in 2001: Alaska Division of Geological & Geophysical Surveys Raw Data File 2002-3, 20 p., 2 sheets, scale 1:150,000.

This report offers geochemical data from rocks collected in the Big Delta quadrangles B-2, B-3, B-4, C-2, C-3, and C-4. Data tables include sample locations, descriptions, and geochemical analysis. Maps show sample locations.

Berg, H.C., and Cobb, E.H., 1967, Metalliferous lode deposits of Alaska: U.S. Geological Survey Bulletin 1246, 254 p.

This report summarizes the known metalliferous lode deposits in Alaska as of August 1965. Nicely broken down by districts. Useful for economic geology information. Includes maps of the mining districts, physiographic provinces, and general geology.

Bliss, J.D., ed., 1992, Developments in mineral deposit modeling: U.S. Geological Survey Bulletin 2004, 168 p.

This publication is a continuation of descriptive mineral deposit models and grade and tonnage models first published in "Mineral Deposit Models," USGS Bulletin 1693, edited by Dennis P. Cox and Donald A. Singer (1986). This bulletin describes six new mineral deposit models and nine new or revised grade and tonnage models and includes a numerical method of matching mineral deposits to existing deposit models.

Brooks, A.H., 1906, The mining industry [in Alaska] in 1905, in U.S. Geological Survey Staff, Report on progress of investigations of mineral resources of Alaska in 1905: U.S. Geological Survey Bulletin 284, p. 4-9.

This is a report on the progress of the mineral industry in Alaska for the year 1905, with an emphasis on gold production. This report also discusses the production of copper, coal, and lesser minerals. Includes a map showing possible railway routes and known occurrences of economically important minerals.

Brooks, A.H., 1908, The mining industry in 1907, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1907: U.S. Geological Survey Bulletin 345, p. 30-53.

This is a report on the progress of the mineral industry in Alaska for the year 1907, with an emphasis on gold and copper production. This report also discusses the high cost of transportation and the production of silver, coal, petroleum, lesser minerals and building materials. This paper also reports more specifically on the progress of Alaska's placer districts.

Brooks, A.H., 1911, The Mount McKinley region, Alaska, with descriptions of the igneous rocks and of the Bonfield and Kantishna districts by L. M. Prindle: U.S. Geological Survey Professional Paper 70, 234 p., 5 sheets, scale 1:250,000.

This report discusses early exploration of central Alaska. Survey routes begin at the Kenai Peninsula and continue up to the Yukon River. The main focus is the economic geology of the area. Possible railroad routes to the Fairbanks area are mentioned. This paper was started in 1902 and finished in 1911. Includes a map and a chart of stratigraphic correlations of central Alaska.

Brooks, A.H., 1912, Railway routes from the Pacific seaboard to Fairbanks, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations of 1911: U.S. Geological Survey Bulletin 520, p. 45-88, scale 1:5,000,000.

This is a 1912 relief map of central Alaskan that includes railroad routes and telegraph lines.

Brooks, A.H., 1916, The Alaskan mining industry in 1915, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1915: U.S. Geological Survey Bulletin 642, p. 16-72.

This is a report on the progress of the mineral industry in Alaska for the year 1915, with an emphasis on gold, silver, copper, and coal production. This report also discusses the costs of operations and the production of tin, lead, antimony, petroleum, lesser minerals and building materials. This paper also reports more specifically on the progress of Alaska's mining districts. Includes a map of the distribution of mineral resources in Alaska.

Brooks, A.H., 1918, The Alaskan mining industry in 1916, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1916: U.S. Geological Survey Bulletin 662, p. 11-62.

This is a report on the progress of the mineral industry in Alaska for the year 1916, with an emphasis on gold, silver, copper, and petroleum production. This report also discusses the

production of tin, lead, antimony, tungsten, platinum, coal, lesser minerals and building materials. This paper also reports more specifically on the progress of Alaska's mining districts. Includes a map of the distribution of mineral resources in Alaska.

Brooks, A.H., 1923, The Alaskan mining industry in 1921, *in* U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1921: U.S. Geological Survey Bulletin 739, p. 1-44.

This is a report on the progress of the mineral industry in Alaska for the year 1921, with an emphasis on gold and silver production. This report also discusses the production of copper, lead, tin, platinum, quicksilver, miscellaneous metals, coal, petroleum, and structural materials. This paper also reports more specifically on the progress of Alaska's mining districts.

Brooks, A.H., and Capps, S.R., 1924, The Alaska mining industry in 1922, *in* U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1922: U.S. Geological Survey Bulletin 755, p. 2-50.

This is a report on the progress of the mineral industry in Alaska for the year 1922, with an emphasis on gold production. This report also discusses the production of silver, copper, lead, tin, platinum, quicksilver, miscellaneous metals, coal, petroleum, and structural materials. This paper also reports more specifically on the progress of Alaska's mining districts.

Brosge, W.P., Brabb, E.E., and King, E.R., 1970, Geologic interpretation of reconnaissance aeromagnetic survey of northeastern Alaska: U.S. Geological Survey Bulletin 1271-F, p. G1-G14, 4 sheets, scale 1:1,000,000.

This publication proposes a geologic map of northeastern Alaska interpreted from geologic and aeromagnetic data. One topic of discussion is the large magnetic anomalies in the Yukon-Tanana Uplands as possible future sites of mineral exploration. Maps of geologic and aeromagnetic data included.

Bundtzen, T.K., 1984, Drift-miners--Alaska's incurable optimists: Alaska Division of Geological & Geophysical Surveys Miscellaneous Publication 14, 4 p.

This publication is a quarterly news bulletin from DGGs and has little use for the area of interest.

Bundtzen, T.K., and Reger, R.D., 1977, The Richardson lineament-a structural control for gold deposits in the Richardson mining district, Alaska: Alaska Division of Geological and Geophysical Surveys Geologic Report 55, 46 p.

SEE AGS Staff, 1977, Short Notes on Alaskan Geology - 1977: Alaska Division of Geological & Geophysical Surveys Geologic Report 55, 50 p.

Burand, W.M., 1966, Geochemical investigations of selected areas in the Yukon-Tanana region of Alaska, 1965 and 1966: Alaska Division of Mines and Minerals Geochemical Report 13, 51 p.

This study focuses on the Yukon-Tanana area. The report involves the geochemical investigation of sediments from the Tolovana River basin, the Pedro Dome - Coffee Dome area, the Mastodon Dome - Porcupine Dome area, and the Columbia Creek - O'Brien Creek area.

Burns, L.E., 2002, Portfolio of aeromagnetic and resistivity maps of the southeastern extension of the Salcha River-Pogo survey, Goodpaster mining district, east-central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-5, 17 p.

This is a collection of aeromagnetic and resistivity maps of the southern extension of the Salcha River-Pogo survey in the Goodpaster Mining District. Includes color maps and shadow

maps that fit on 8 1/2" x 11" sheets.

Burns, L.E., and Stevens Exploration Management Corp., 2005, 56,000 Hz coplanar resistivity of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-2B, 1 sheet.

This is a resistivity map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Resistivity contour lines included.

Burns, L.E., and Vincent, Kathy, 2000, Portfolio of aeromagnetic and resistivity maps of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-24, 27 p.

This is a collection of aeromagnetic and resistivity maps of the Salcha River-Pogo mining area. Includes color maps and shadow maps that fit on 8 1/2" x 11" sheets.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Inc., 2004, Line, gridded, and vector data of airborne geophysical survey data for the Fairbanks and Richardson mining districts, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-2, 1 disk.

Supersedes PDF 95-11, PDF 95-12, and PDF 95-19. 1 CD-ROM set. Line data is in ASCII format; gridded data is in Geosoft format; vector files are in Autocad 13 dxf files.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Inc., 2005, 900 Hz coplanar resistivity of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-4A, 1 sheet.

This is a resistivity map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2004, 7200 Hz coplanar apparent resistivity of the Richardson mining district, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-1-5A, 1 sheet.

This is a resistivity map (full-color plot) of the Richardson mining district. Involves B-5 and B-6 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2004, 7200 Hz coplanar apparent resistivity of the Richardson mining district, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-1-5B, 1 sheet.

This is a resistivity map (full-color plot) of the Richardson mining district. Involves B-5 and B-6 Big Delta Quadrangles. Resistivity contours and section lines included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2004, 900 Hz coplanar apparent resistivity of the Richardson mining district, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-1-6A, 1 sheet.

This is a resistivity map (full-color plot) of the Richardson mining district. Involves B-5 and B-6 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2004, 900 Hz coplanar apparent resistivity of the Richardson mining district, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-1-6B, 1 sheet.

This is a resistivity map (full-color plot) of the Richardson mining district. Involves B-5 and B-6

Big Delta Quadrangles. Resistivity contours and section lines included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2004, Selected plot files of the airborne geophysical survey data of the Fairbanks and Richardson area, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-1, 1 disk.

1 CD-ROM. Contains 12 maps (GPR 2004-1-1A through 6B) in both HPGL/2 format and postscript printer format.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2004, Total magnetic field of the Richardson mining district, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-1-4A, 1 sheet.

This is a total magnetic field map (full-color plot) of the Richardson mining district. Involves B-5 and B-6 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2004, Total magnetic field of the Richardson mining district, interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2004-1-4B, 1 sheet.

This is a total magnetic field map (full-color plot) of the Richardson mining district. Involves B-5 and B-6 Big Delta Quadrangles. Magnetic contours and section lines included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, 56,000 Hz coplanar resistivity of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-2A, 1 sheet.

This is a resistivity map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, 7200 Hz coplanar resistivity of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-3A, 1 sheet.

This is a resistivity map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, 7200 Hz coplanar resistivity of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-3B, 1 sheet.

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Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, 900 Hz coplanar resistivity of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-4B, 1 sheet.

This is a resistivity map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Resistivity contours included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Color shadow

total magnetic field of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-1C, 1 sheet.

This is a total magnetic field map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Magnetic contour lines included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Flight lines of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-6, 1 sheet.

These are the flight lines of the 2005 survey of part of the Goodpaster River area. Involves the B-1, B-2, B-3, and B-4 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Line, grid, and vector data for the airborne geophysical survey data of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-2, 1 disk.

Line data is in ASCII format; gridded data is in Geosoft and ER Mapper formats; vector files are in Autocad version 13 dxf files. Most of the gridded and vector data (aeromagnetic and resistivity only) include the area for the Salcha River-Pogo (released by DGGS in 2000) and southeast extension of the Salcha River-Pogo survey (released by DGGS in 2002) as well as the new Goodpaster River area data. The line data only includes the new Goodpaster River survey.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Plot files for the airborne geophysical survey data of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1, 1 disk.

Includes 13 maps (aeromagnetic or resistivity) listed as GPR 2005-1-xy as plot files in both HPGL/2 format and postscript printer format and as Adobe Acrobat format files.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Total magnetic field and EM anomalies of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-1D, 1 sheet.

This is a map of the total magnetic field and electromagnetic anomalies of part of the Goodpaster River area (full-color plot). Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Magnetic contour lines included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Total magnetic field and detailed electromagnetic anomalies of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska, Parts of Big Delta B-2 and B-3 Quadrangles: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-5B, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map of part of the Goodpaster River area (full-color plot). Involves B-2 and B-3 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Total magnetic field and detailed electromagnetic anomalies of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska, Parts of Big Delta B-3 and B-4 Quadrangles: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-5A, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map of part of the Goodpaster River area (full-color plot). Involves B-3 and B-4 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Total magnetic field of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-1A, 1 sheet.

This is a total magnetic field map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Topography included.

Burns, L.E., Fugro Airborne Surveys, and Stevens Exploration Management Corp., 2005, Total magnetic field of part of the Goodpaster River area, Goodpaster mining district, Interior Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2005-1-1B, 1 sheet.

This is a total magnetic field map (full-color plot) of part of the Goodpaster River area. Involves B-1, B-2, B-3 and B-4 Big Delta Quadrangles. Magnetic contour lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, 7200 Hz coplanar resistivity of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-8, 2 sheets.

This is a resistivity map (full-color plot) of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Resistivity contours and section lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, 7200 Hz coplanar resistivity of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-9, 2 sheets.

This is a resistivity map (blue-line plot) of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Resistivity contours and section lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, 7200 Hz coplanar resistivity of the Salcha-River Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-7, 2 sheets.

This is a resistivity map (full-color plot) of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Topography included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, CD-ROM containing profile and gridded data and section line of 2000 geophysical survey data for the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-21, 2 disks.

Profile data, gridded data, and section lines for the 2000 geophysical survey of the Salcha River-Pogo mining area. Data available on CD-ROM only.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Color shadow magnetic map of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-3, 2 sheets.

This is a total magnetic field map (full-color plot) of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Flight lines of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-16, 2 sheets.

These are the flight lines of the 2000 survey of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Topography included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Potassium (K%) of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-17, 2 sheets.

This is a map of the Potassium (K%) of the Salcha River-Pogo mining area (blue-line plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contours and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Potassium (K%) of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-15, 2 sheets.

This is a map of the Potassium (K%) of the Salcha River-Pogo mining area (full-color plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contours and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Radioelement-ternary of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-10, 2 sheets.

This is a map of the Radioelement-ternary of the Salcha River-Pogo mining area (full-color plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Topography included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Thorium (eTh) of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-19, 2 sheets.

This is a map of the Thorium (eTh) of the Salcha River-Pogo mining area (blue-line plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contours and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Thorium/Potassium (eTh/K) of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-11, 2 sheets.

This is a map of the Thorium/Potassium (eTh/K) of the Salcha River-Pogo mining area (full-color plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Topography included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Thorium/Potassium (eTh/K) of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-12, 2 sheets.

This is a map of the Thorium/Potassium (eTh/K) of the Salcha River-Pogo mining area (full-color plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contours and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Thorium/Potassium (eTh/K) of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical

Surveys Geophysical Report 2000-13, 2 sheets.

This is a map of the Thorium/Potassium (eTh/K) of the Salcha River-Pogo mining area (blue-line plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contours and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Total air absorbed dose rate of the Salcha River-Pogo area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-20, 2 sheets.

This is a map of the total air absorbed dose rate of the Salcha River-Pogo mining area (blue-line plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contours and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Total air absorbed dose rate of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-14, 2 sheets.

This is a map of the total air absorbed dose rate of the Salcha River-Pogo mining area (full-color plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contours and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and detailed electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska (parts of the Big Delta B-2 and B-3 quadrangles): Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-6G, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves B-2 and B-3 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and detailed electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska (parts of the Big Delta C-2, C-3, D-2, and D-3 quadrangles): Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-6D, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves C-2, C-3, D-2 and D-3 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and detailed electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska (parts of the Big Delta C-3 and C-4 quadrangles): Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-6E, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves C-3 and C-4 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Geotrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and detailed electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska (parts of the Big Delta C-2 and C-3 quadrangles): Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-6F, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves C-2 and C-3 Big Delta Quadrangles. Magnetic contour

lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and detailed electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska (parts of the Big Delta C-3, C-4, D-3 and D-4 quadrangles): Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-6C, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves C-3, C-4, D-3 and D-4 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and detailed electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska (parts of the Big Delta D-2 and D-3 quadrangles): Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-6B, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves D-2 and D-3 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and detailed electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska (parts of the Big Delta D-3 and D-4 quadrangles): Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-6A, 1 sheet.

This is a total magnetic field and detailed electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves D-3 and D-4 Big Delta Quadrangles. Magnetic contour lines, detailed electromagnetic anomalies, and section lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and electromagnetic anomalies of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-5, 2 sheets.

This is a total magnetic field and electromagnetic anomalies map (blue-line plot) of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Magnetic contour lines, simplified electromagnetic anomalies, and section lines included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field and electronic anomalies of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-4, 2 sheets.

This is a total magnetic field and electromagnetic anomalies map of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Magnetic contour lines and section lines included. Sheet 1 is missing and sheet 2 is clear mylar.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-1, 2 sheets.

This is a total magnetic field map (full-color plot) of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Topography included.

Burns, L.E., Geoterrex-Dighem, and Stevens Exploration Inc., 2000, Total magnetic field of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-2, 2 sheets.

This is a total magnetic field map (full-color plot) of the Salcha River-Pogo mining area. Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Magnetic contour lines and section lines included.

Burns, L.E., Geotrex-Dighe, and Stevens Exploration Inc., 2000, Uranium (eU) of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-18, 2 sheets.

This map shows the Uranium (eU) in the Salcha River-Pogo mining area (blue-line plot). Involves Big Delta quadrangles B-2, B-3, C-2, C-3, C-4, D-2, D-3, and D-4. Data contour lines and section lines included.

Burns, L.E., Geotrex-Dighe, and Stevens Exploration Inc., 2000, Zip disk containing gridded files in Geosoft format and section lines of 2000 geophysical survey for the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-22, 1 disk.

Zip disk containing gridded files in Geosoft format and section lines of the 2000 geophysical survey for the Salcha River-Pogo mining area. Data available on disk format only.

Burns, L.E., Newberry, R.J., and Solie, D.N., 1991, Quartz normative plutonic rocks of interior Alaska and their favorability for association with gold: Alaska Division of Geological & Geophysical Surveys Report of Investigation 91-3, 71 p., 2 sheets.

This report provides geochemical data of plutonic rocks collected within interior Alaska. A discriminant function is introduced to assist in the exploration of gold within the interior Alaska's plutonic rocks. Maps and data tables are included.

Burns, L.E., Solie, D.N., and Newberry, R.J., 1993, Digital files of geochemical analyses of plutonic rocks in east-central interior Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 93-44, 58 p.

This file contains tables that compile geochemical data of plutonic rock samples within east-central interior Alaska.

Burton, P.J., and Berg, H.C., comps., 1988, Placer mining: Yesterday, today, tomorrow: Proceedings of the eighth annual Alaska conference on placer mining-1986: Alaska Division of Geological Surveys Miscellaneous Publication 18, 165 p.

This publication presents various topics in placer mining. Its use is limited.

Cameron, C.E., Thoms, E.E., and Gallo, C.A., 2002, Engineering-geologic database of the proposed Alaska Natural Gas Transportation System (ANGTS) corridor from Prudhoe Bay to Delta Junction, Alaska: Alaska Division of Geological & Geophysical Surveys Miscellaneous Publication 125, 6 disks.

This is an engineering-geologic database of the proposed Alaska Natural Gas Transportation System corridor from Prudhoe Bay to Delta Junction. Data available on CD-ROM only.

Capps, S.R., 1912, The Bonfield region, Alaska: U.S. Geological Survey Bulletin 501, 64 p., 2 sheets.

This report provides geography, general geology, mineral resources, and formation descriptions in the Bonfield region. The Bonfield region is the area described as the area south of the Tanana River, between the Teklanika and Little Delta Rivers, and north of the Alaska Range. Includes two maps. This information is from 1912.

Capps, S.R., 1924, Geology and mineral resources of the region traversed by the Alaska Railroad, *in* U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1922: U.S. Geological Survey Bulletin 755, p. 73-150.

This report discusses the geography, the geology and the mineral resources along the Alaska Railroad between Seward and Fairbanks. The paper focuses on the impact that the completed railroad will have on the mining industry. Includes several sketch maps, one of which shows the positions of lode mines, prospects, and placer gravels in the Fairbanks District.

Capps, S.R., 1940, Geology of the Alaska Railroad region: U.S. Geological Survey Bulletin 907, 201 p., 3 sheets.

This report presents information along the current Alaska Railroad. Provides detailed information about the geography, general geology, economic geology of the area. Includes geologic maps of the Alaska Railroad region.

Chapin, Theodore, 1914, Placer mining in the Yukon-Tanana region, *in* U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1913: U.S. Geological Survey Bulletin 592, p. 357-362.

This paper summarizes placer mining in 1913 for the Yukon-Tanana Region. The region includes the Fairbanks District, the Circle Precinct, and the Seventymile, Eagle, Fortymile River, Salchaket-Tenderfoot, Hot Springs, and Rampart Districts. The report also includes a map showing the distribution of Alaska's mineral resources.

Chapin, Theodore, 1919, A molybdenite lode on Healy River, *in* U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1917: U.S. Geological Survey Bulletin 692, p. 329-330.

This is a brief report about the discovery of a molybdenite-bearing quartz vein on the south slope of Rainey Mountain at the head of Healy River.

Chapman, R.M., and Shacklette, H.T., 1960, Geochemical exploration in Alaska, *in* U.S. Geological Survey Staff, Geological survey research 1960, Short papers in the geological sciences: U.S. Geological Survey Professional Paper 400-B, p. B104-B107.

This paper provides data from geochemical sampling at various locations around Alaska. Sample sites include the Fairbanks area and the Maclaren River area.

Churkin, M.J., and Brabb, E.E., 1965, Occurrences and stratigraphic significance of Oldhamia, a Cambrian trace fossil, in east-central Alaska, *in* U.S. Geological Survey Staff, Geological Survey research 1965, Chapter D: U.S. Geological Survey Professional Paper 525-D, p. D120-D124.

This paper focuses on a Cambrian trace fossil that was found during the mapping of the Charley River Quadrangle.

Clautice, K.H., Burns, L.E., and Newberry, R.J., 1993, Land selection unit 5 (Big Delta, Mount Hayes, and Fairbanks Quadrangles): References, major oxide and geochemical data.: Alaska Division of Geological & Geophysical Surveys Public Data File 93-5, 18 p., 1 sheet.

This report provides references, geochemical analysis and major oxide data for select areas in the Big Delta, Mt. Hayes, and Fairbanks quadrangles.

Cobb, E.H., 1972, Metallic mineral resources map of the Big Delta quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-388, 1 sheet, scale 1:250,000.

This map of the Big Delta Quadrangle shows the known metallic mineral resources. Lode and placer deposits are numbered to provide a list of location names, commodities, and reference.

Cobb, E.H., 1973, Placer deposits of Alaska: U.S. Geological Survey Bulletin 1374, 213 p.

This publication summarizes placer mining information in Alaska. Organized by mining districts and regions. Includes maps of the mining districts, physiographic provinces, and general geology.

Cobb, E.H., 1977, Placer deposit map of central Alaska: U.S. Geological Survey Open-File Report 77-168B, 64 p., 1 map, scale 1:1,000,000.

This report provides a map and table of the placer deposits in central Alaska. Organized by quadrangle, the table includes deposit names, commodities, and references; and categorizes the deposit by the amount of production (large, moderate, or small).

Cobb, E.H., and Eberlein, G.D., 1980, Summaries of data on and lists of references to metallic and selected nonmetallic mineral deposits in the Big Delta and Tanacross quadrangles, Alaska: U.S. Geological Survey Open-File Report 80-1086, 77 p.

This report provides a list of metallic and selected nonmetallic mineral deposits in the Big Delta and Tanacross Quadrangles. The list, arranged first by occurrence name, gives a brief description and list available references. A second list provides synonyms for the names of locations, the names of its owners and operators, and the claim name. The last list is a list of all the references used.

Combellick, R.A., 1985, Sources of construction materials in and near the Tanana Valley State Forest: Alaska Division of Geological & Geophysical Surveys Public Data File 85-68, 6 p., 2 sheets.

This report is a compilation of available sources of construction materials in the area of the Tanana Valley State Forest. Maps are included.

Combellick, R.A., Campbell, K.M., and Cruse, G.R., 1993, Derivative geologic materials map of portions of the Big Delta Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 93-55, 1 sheet, scale 1:250,000.

This map helps locate materials for construction projects by providing general information about materials that are likely to exist at or close to the surface.

Cox, D.P., and Singer, D.A., 1986, Mineral deposit models: U.S. Geological Survey Bulletin 1693, 379 p.

This publication describes the geologic characteristics of a number of specific mineral deposits and their regional geologic environments. The compendium of geologic models presented includes 85 descriptive models giving identifying attributes of the deposit type and 60 grade-tonnage models giving estimated pre-mining tonnages and grades from over 3900 well-characterized deposits.

DGGS Staff, Dighem Staff, and WGM Staff, 1995, 7200 Hz resistivity contours of the Richardson mining district: Alaska Division of Geological & Geophysical Surveys Public Data File 95-9, 1 sheet.

This is a resistivity map of the Richardson Mining District (black and white plot). Involves Big Delta quadrangles A-5, B-5 and B-6. Includes flight lines and resistivity contours.

DGGS Staff, Dighem Staff, and WGM Staff, 1995, 900 Hz resistivity contours of the Richardson mining district: Alaska Division of Geological & Geophysical Surveys Public Data File 95-8, 1 sheet.

This is a resistivity map of the Richardson Mining District (black and white plot). Involves Big Delta quadrangles A-5, B-5 and B-6. Includes flight lines and resistivity contours.

DGGS Staff, Dighem Staff, and WGM Staff, 1995, Clear mylar version of RI 95-9: Total field magnetics and electromagnetic anomalies of the Richardson mining district. Electromagnetic anomalies and magnetic contours 100% black; topography 50% black: Alaska Division of Geological & Geophysical Surveys Public Data File 95-10, 1 sheet.

This is a map of the total field magnetics and electromagnetic anomalies of the Richardson Mining District (black and white plot). Involves Big Delta quadrangles A-5, B-5, and B-6. Includes topography, flight lines, electromagnetic anomalies, and magnetic contour lines.

DGGS Staff, Dighem Staff, and WGM Staff, 1995, Flight line maps of the Richardson mining district: Alaska Division of Geological & Geophysical Surveys Public Data File 95-7, 1 sheet.

This map shows the flight lines of the 1994 survey of the Richardson Mining District. Involves the Big Delta Quadrangles A-5, B-5, and B-6. Includes topography.

DGGS Staff, Dighem Staff, and WGM Staff, 1995, Total field magnetics and electromagnetic anomalies of the Richardson mining district: Alaska Division of Geological & Geophysical Surveys Report of Investigation 95-9, 1 sheet.

This is a map of the total field magnetics and electromagnetic anomalies of the Richardson Mining District (blue line). Involves Big Delta Quadrangles A-5, B-5, and B-6. Includes topography, flight lines, electromagnetic anomalies, and magnetic contour lines.

DGGS Staff, Dighem Staff, and WGM Staff, 1995, Total field magnetics and electromagnetic anomalies of the Richardson mining district: Alaska Division of Geological & Geophysical Surveys Report of Investigation 95-10, 1 sheet.

This is a map of the total field magnetics of the Richardson Mining District (full-color plot). Involves Big Delta Quadrangles A-5, B-5, and B-6. Includes magnetic contour lines.

DGGS Staff, Dighem Staff, and WGM Staff, 1995, Two diskettes containing gridded files and section lines of 1994 survey data for Fairbanks and Richardson mining districts and part of the Circle A-6 Quadrangle: Alaska Division of Geological & Geophysical Surveys Public Data File 95-19, 2 disks.

This publication has been superseded by GPR 2004-2. GPR 2004-2 has replaced only the survey data for Fairbanks and Richardson mining districts.

DOM, 1954, Miscellaneous letters, memos, and reports regarding the Fourth District: Alaska Territorial Department of Mines Miscellaneous Report 194-19, 55 p.

This report contains correspondence regarding the Fourth District. These have some value to the economic geology of the Big Delta area, but is difficult to sort out what is useful and what is not.

Dean, K.G., 1984, Stream-icing zones in Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigation 84-16, 20 p., 102 sheets.

This report discusses and maps the stream-icing zones in Alaska. The zones were mapped by the interpretation of Landsat images. A map of the stream-icing zones in the Big Delta Quadrangle is available.

Doyon Limited, 1998, Veta prospects 1997: Doyon Limited Report, 256 p.

Dusel-Bacon, C., Bressler, J.R., Takoaka, H., Mortenson, J.K., Oliver, D.H., Leventhal, J.S., Newberry, R.J., and Bundtzen, T.K., 1998, Stratiform zinc-lead mineralization in Nasina assemblage rocks of the Yukon-Tanana Upland in east-central Alaska: U.S. Geological Survey Open-File Report 98-340, 26 p.

This report characterizes the mode of occurrence, age and petrogenesis of stratiform zinc-lead mineralization in the Yukon-Tanana Upland of east-central Alaska. The two areas of study are the Chena Slate Belt (CSB) located east of Fairbanks, and the Liberty area located near the Alaska-Yukon border. Includes geologic maps and photos.

Dusel-Bacon, Cynthia, and Foster, H.L., 1983, A sillimanite gneiss dome in the Yukon crystalline terrane, east-central Alaska; petrography and garnet-biotite geothermometry: U.S. Geological Survey Professional Paper 1170-E, p. E1-E25.

This paper discusses a sillimanite gneiss dome which is located in the Big Delta Quadrangle near the Salcha River and South Fork. Provides petrologic data.

Dusel-Bacon, Cynthia, and Hansen, V.L., 1992, High-pressure amphibolite-facies metamorphism and deformation within the Yukon-Tanana and Taylor Mountain terranes, eastern Alaska, in Bradley, D.C., and Dusel-Bacon, Cynthia, eds., Geologic studies in Alaska by the U.S. Geological Survey, 1991: U.S. Geological Survey Bulletin 2041, p.140-159.

This publication discusses the complex metamorphism of the Taylor Mountain terrane and the Lake George subterrane in the Yukon-Tanana uplands.

Dusel-Bacon, Cynthia, Csejtey, Bela, Jr., Foster, H.L., Doyle, E.O., Nokleberg, W.J., and Plafker, George, 1993, Distribution, facies, ages, and proposed tectonic associations of regionally metamorphosed rocks in east- and south-central Alaska: U.S. Geological Survey Professional Paper 1497-C, p. C1-C72, 2 sheets.

This paper discusses the metamorphism and structural geology of east-central and south-central Alaska. The Yukon-Tanana terrane is one area of focus. Two maps are included. One is a metamorphic facies map and the other is a metamorphic-mineral locality map.

Eakin, H.M., 1915, Mining in the Fairbanks district, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1914: U.S. Geological Survey Bulletin 622, p. 229-238.

This paper summarizes the mining activity in 1914 for the Fairbanks District. Discusses placer mining, the decline of lode mining, and prospects.

Eakins, G.R., and Forbes, R.B., 1976, Investigation of Alaska's uranium potential: Alaska Division of Geological & Geophysical Surveys Special Report 12, 372 p., 5 sheets.

This report involves the general geology, structural geology, economic geology, and radioactivity of Alaska in regards to its uranium potential. Organized by geophysical provinces. Tanana Valley included.

Eakins, G.R., Jones, B.K., and Forbes, R.B., 1977, Investigation of Alaska's uranium potential: Alaska Division of Geological & Geophysical Surveys Alaska Open-File Report 109, 213 p., 10 sheets.

This report summarizes the 1975 sampling of stream sediments, water, and bedrock across Alaska for uranium content. This report has very little about the Big Delta area. Provides map of the Healy D-1 Quadrangle with sample locations and general geology.

Eberlein, G.D., Chapman, R.M., Foster, H.L., and Gassaway, J.S., 1977, Map and table describing known metalliferous and selected nonmetalliferous mineral deposits in central Alaska: U.S. Geological Survey Open-File Report 77-168D, 132 p., 1 map, scale 1:1,000,000.

This report provides a map and table describing known metalliferous and selected nonmetalliferous mineral deposits in central Alaska. Organized by quadrangle, the table includes deposit descriptions (names, coordinates, development, form, and type), mineral resources, and references. The map includes general geology and lode and placer deposits.

Eberlein, G.D., and Menzie, W.D., 1978, Maps and table describing areas of metalliferous mineral resource potential of central Alaska: U.S. Geological Survey Open-File Report 78-1-D, 43 p., 2 maps, scale 1:1,000,000.

This report provides maps and tables to summarize the potential of known and speculated mineral resources of central Alaska. Includes major deposit types, minor and suspected occurrences, geologic controls of the resource, production and resource information, and grade and tonnage models.

Ellsworth, C.E., 1910, Placer mining in the Yukon-Tanana region, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1909: U.S. Geological Survey Bulletin 442, p. 230-245.

This paper summarizes the mining conditions and production of placer mining in 1909 for the Yukon-Tanana Region. The region includes the Fairbanks, Circle, Rampart, Hot Springs, Fortymile, Eagle, and Salchaket-Tenderfoot Districts.

Ellsworth, C.E., and Davenport, R.W., 1913, Placer mining in the Yukon-Tanana region, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1912: U.S. Geological Survey Bulletin 542, p. 203-222.

This paper summarizes the mining conditions and production of placer mining in 1912 for the Yukon-Tanana Region. The region includes the Fairbanks District, the Circle Precinct, and the Fortymile, Seventymile, Eagle, Hot Springs, Rampart, Salchaket and Tenderfoot Districts.

Ellsworth, C.E., and Parker, G.L., 1911, Placer mining in the Yukon-Tanana region, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1910: U.S. Geological Survey Bulletin 480, p. 153-192.

This paper summarizes the mining conditions and production of placer mining in 1910 for the Yukon-Tanana Region. The region includes the Fairbanks, Circle, Hot Springs, Rampart, Salchaket-Tenderfoot, Fortymile, Seventymile, Eagle, and minor Yukon River Districts.

Foley, J.Y., Burns, L.E., Schneider, C.L., and Forbes, R.B., 1989, Preliminary report of platinum group element occurrences in Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 89-20, 33 p., 1 sheet.

This publication briefly lists platinum group element occurrences in Alaska. Relevance is limited.

Forbes, R.B., 1982, Bedrock geology and petrology of the Fairbanks Mining District: Alaska Division of Geological & Geophysical Surveys Alaska Open-File Report 169, 76 p.

This report discusses the regional bedrock geology and petrology of the Fairbanks Mining District. Figures of cross-sections and structure included. Geochemical data is also included.

Foster, H.L., Albert, N.R.D., Griscom, Andrew, Hessin, T.D., Menzie, W.D., Turner, D.L., and Wilson, F.H., 1979, The Alaskan Mineral Resource Assessment Program: Background information to

accompany folio of geologic and mineral resource maps of the Big Delta quadrangle, Alaska: U.S. Geological Survey Circular 783, 19 p.

This paper describes and summarizes the background information used for the Big Delta quadrangle maps involved in the Alaska Mineral Resource Assessment Program (AMRAP). Provides the references, Landsat imagery, geologic, aeromagnetic, geochemical, and mineral resource information used in the AMRAP interpretation.

Foster, H.L., comp., 1992, Geologic map of the eastern Yukon-Tanana region, Alaska: U.S. Geological Survey Open-File Report 92-313, 26 p., 1 sheet, scale 1:500,000.

This is a compilation geologic map of the eastern Yukon-Tanana region. Provides a detailed description and correlation of the map units. Includes parts of the Livengood, Circle, Charley River, Fairbanks, Big Delta, Eagle, Mt. Hayes and Tanacross quadrangles.

Foster, H.L., O'Leary, R.M., McDanal, S.K., and Clark, A.L., 1978, Analyses of rock samples from the Big Delta quadrangle, Alaska: U.S. Geological Survey Open-File Report 78-469, 125 p.

This report provides analytical data of rock samples, stream sediment, panned concentrates, and vegetation from the Big Delta Quadrangle. Data tables include sample number, location, and geochemical analyses. This information was collected to provide background information for the Alaska Mineral Resource Assessment Program (AMRAP). Includes map of sample locations.

Foster, H.L., Weber, F.R., Forbes, R.B., and Brabb, E.E., 1973, Regional geology of the Yukon-Tanana upland, Alaska: American Association of Petroleum Geologists Memoir 19, p. 388-395.

This paper provides information about the regional geology of the Yukon-Tanana upland. Most of the discussion is of the complex metamorphic terrains and divides it by the Fairbanks-Big Delta and the Fortymile-Eagle regions. Metamorphic rock ages and igneous rocks are also included as topics in the report.

Glover, A.E., 1950, Placer gold fineness: Alaska Territorial Department of Mines Miscellaneous Report 195-1, 38 p.

This report lists placer locations in Alaska with measurements taken for the fineness of their gold. Big Delta locations are included. Use is limited.

Hackett, S.W., and Laird, G.M., 1977, Aeromagnetic map index of northern Alaska: Alaska Division of Geological & Geophysical Surveys Alaska Open-File Report 106, 1 sheet.

This is a 1977 index map of aeromagnetic surveys of northern Alaska. Quadrangle divisions are shown.

Hall, M.H., 1985, Structural geology of the Fairbanks Mining District, central Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 85-61, 68 p., 2 sheets.

This report proposes a structural history for the Fairbanks Mining District and describes the influences of the Pedro Dome pluton, which led to the deposition of base and precious metals. Includes descriptive structural maps of the Fairbanks Mining District; stereographic plots of folds, lineations, and foliations; rose diagrams of joints.

Hasler, J.W., Miller, M.H., and Chapman, R.M., 1973, Bismuth, in Brobst, D.A., and Pratt, W.P., eds., United States mineral resources: U.S. Geological Survey Professional Paper 820, 722 p.

This paper briefly discusses the resources of bismuth in the United States. Mentioned is the native bismuth and other bismuth minerals found in many placer gold deposits in Alaska.

Hawkins, D.B., 1982, Gold content of rocks in the Fairbanks Mining District: Alaska Division of Geological & Geophysical Surveys Alaska Open-File Report 168, 107 p.

This is a report on the geochemical sampling of the gold content in the Fairbanks Mining District. Possible trace element associations are also tentatively suggested.

Holloway, C.D., 1977, Map showing coal fields and distribution of coal bearing rocks in the eastern part of southern Alaska: U.S. Geological Survey Open-File Report 77-169-D, 1 sheet.

This map shows the distribution of coal bearing rocks and fields in the eastern part of Alaska. Provides a brief description of each coal field and district.

Holmes, G.W., 1965, Geologic reconnaissance along the Alaska Highway, Delta River to Tok Junction, Alaska: U.S. Geological Survey Bulletin 1181-H, p. H1-H19, 1 sheet.

This is a report of the bedrock and surficial geology along the last 100 miles of the Alaska Highway, Delta River to Tok.

Howell, D.G., Johnsson, M.J., Underwood, M.B., Huaifu, Lu, and Hillhouse, J.W., 1992, Tectonic evolution of the Kandik region, east-central Alaska; preliminary interpretations, *in* Bradley, D.C., and Ford, A.B., eds., Geologic studies in Alaska by the U.S. Geological Survey, 1990: U.S. Geological Survey Bulletin 1999, p. 127-140.

"This report focuses on the regional tectonic framework of the Tatonduk and Kandik River terranes based on paleothermal, sedimentologic, structural, and paleomagnetic data collected during studies extending through November 1990." The location of study is in the area of the Yukon River, the Tintina Fault, and the United States-Canadian boarder.

Inghram, M.G., and Maurer, M.A., 1995, Summary of reported water-use data in Alaska, 1994: Alaska Division of Geological & Geophysical Surveys Public Data File 95-34, 46 p.

This publication summerizes water-use data collected from 194 active water sources in Alaska. Includes a map of Alaska's Hydrologic Units.

Joesting, H.R., 1938, Mining and prospecting in the Goodpaster region: Alaska Territorial Department of Mines Miscellaneous Report 59-2, 2 p., 1 sheet.

This is a brief summery of the 1938 mining activity in the Goodpaster region. Includes a plane-table map of claims of the Goodpaster Camp.

Joesting, H.R., 1938, The Chena district: Alaska Territorial Department of Mines Miscellaneous Report 194-8, 8 p.

This report gives a brief cost assessment, local geography and geology, and the mining activity for the Chena District in 1938.

Joesting, H.R., 1939, Notes on lode mining, Fairbanks precinct: Alaska Territorial Department of Mines Miscellaneous Report 194-9, 3 p.

This report gives a brief summery of the lode mining activity in 1939 for the Fairbanks Precinct.

Joesting, H.R., 1942, Antimony and tungsten deposits in the Fairbanks and adjacent districts: Alaska Territorial Department of Mines Miscellaneous Report 194-11, 26 p.

This report briefly describes deposits of antimony and tungsten in the Fairbanks and adjacent districts.

Joesting, H.R., 1942, Strategic mineral occurrences in interior Alaska: Alaska Territorial Department of Mines Pamphlet 1, 50 p.

This was a quick pamphlet produced in 1942 to meet the need of miners interested in mining in the interior of Alaska. The pamphlet discusses minerals that would be of economic value.

Joesting, H.R., 1943, Strategic mineral occurrences in interior Alaska, supplement to pamphlet No. 1: Alaska Territorial Department of Mines Pamphlet 2, 31 p.

This is a supplement to the 1942 "Strategic mineral occurrences in interior Alaska: Alaska Territorial Department of Mines Pamphlet 1". This pamphlet continues the discussion of minerals that would be of economic value from Interior Alaska.

Joesting, H.R., 1943, Strategic minerals; priorities 1941, 1942, 1943; correspondence; antimony, calcite crystals, cinnabar, nickel, tungsten: Alaska Territorial Department of Mines Miscellaneous Report 195-23A, 58 p.

This is a collection of correspondence regarding the mining of minerals in Interior Alaska between 1941 and 1943.

Joesting, H.R., and Glover, A.E., 1941, Strategic minerals in Alaska: Alaska Territorial Department of Mines Miscellaneous Report 195-23, 78 p.

The main focus of this report is the economic geology of Alaska. This report provides information for those who have an interest in mining the minerals present in Alaska of which have economic value.

Kreig, R.A., and Reger, R.D., 1982, Air-photo analysis and summary of landform soil properties along the route of the trans-Alaska pipeline system: Alaska Division of Geological & Geophysical Surveys Geologic Report 66, 149 p.

This report provides a summary of the detailed soil, bedrock, ground water, and permafrost information collected during the pre-construction geotechnical evaluation of the Trans-Alaska Pipeline route.

Krinsley, D.B., 1963, Influence of snow cover on frost penetration, *in* U.S. Geological Survey Staff, Geological survey research 1963, Short papers in geology, hydrology, Articles 1-59: U.S. Geological Survey Professional Paper 475-B, p. B144-B147.

This paper summarizes the monitored effects of snow cover on frost penetration in 1961. Measurements were taken at three different locations along the Alaska Highway in the Tanana Valley near Delta Junction.

Liss, S.A., and Wiltse, M.A., 1993, United States Geological Survey Alaska Mineral Resource Appraisal Program (AMRAP) geochemical data for Big Delta Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 93-39F, 6 p., 1 disk.

This report contains geochemical data generated during past U.S. Geological Survey, Alaska Mineral Resources Appraisal Program projects. They consist of analysis of rock, stream, lake sediment, and pan concentrate samples for metals for the Big Delta Quadrangle. This information was compiled so the data could be easily imported into computer spreadsheet programs.

Mack, S.F., and Moorman, M.A., 1986, Hydrologic and water-quality investigations related to the occurrence of placer mining in interior Alaska, summers 1984-85: Alaska Division of Geological & Geophysical Surveys Public Data File 86-16, 138 p.

This report discusses in detail the effects of placer mining on the drainage systems of Interior

Alaska between 1984 and 1985. Tables and figures included.

Mack, S.F., and Moorman, M.A., 1988, Hydrologic investigations of water quality in selected placer-mining areas in interior Alaska, summer 1986: Alaska Division of Geological & Geophysical Surveys Report of Investigation 88-7, 73 p.

This report discusses in detail the effects of placer mining on select drainage systems in Interior Alaska during 1986. Tables and figures included.

MacKevett, E.M., Jr., and Holloway, C.D., 1977, Map showing metalliferous and selected nonmetalliferous mineral deposits in the eastern part of southern Alaska: U.S. Geological Survey Open-File Report 77-169A, 99 p., 1 sheet, scale 1:1,000,000.

This map was used for the Alaskan Mineral Resource Assessment Program (AMRAP) and shows the metalliferous and nonmetalliferous mineral deposits in the eastern part of southern Alaska. The map includes a geologic description and correlation of map units, and lode and placer deposits. Gold and silver deposits are found in Big Delta quadrangle.

Magoon, L.B., 1993, Alaska interior (062), Kandik (part) (061), Interior Lowlands (063), and Copper River basin (066) provinces, in Powers, R.B., ed., Petroleum exploration plays and resource estimates, 1989, onshore United States; Region 1, Alaska; Region 2, Pacific Coast: U.S. Geological Survey Bulletin 2034-A, p. A42-A45.

This publication discusses petroleum exploration and resource estimates in interior Alaska. Groups four interior provinces into a single play called the Tertiary Basins play. Gives brief geology and the probability of an undiscovered accumulation occurrence.

Martin, G.C., and Katz, F.J., 1912, Geology and coal fields of the lower Matanuska Valley, Alaska: U.S. Geological Survey Bulletin 500, 98 p., 5 sheets.

This publication discusses the geography, general geology, structural geology, and the distribution of coal in the Matanuska Valley. Includes map of central Alaska, showing position of the coal fields.

Maurer, M.A., 1999, Water quality study of Richardson Clearwater Creek near Big Delta, Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 99-21, 28 p.

This report provides water-quality data collected in 1998 for the Richardson Clearwater Creek. Tables and figures included.

McConnell, D.L., 1995, Project report of the Fairbanks and Richardson mining districts: Alaska Division of Geological & Geophysical Surveys Public Data File 95-12, 178 p., 3 sheets.

This is a report on an airborne geophysical survey of two areas in the Fairbanks and Richardson Mining Districts to detect zones of conductive mineralization and to provide information that could be used to map the geology and structure of the areas. Includes an interpretation map of the Fairbanks Mining District.

McCoy, D., Newberry, R.J., Layer, P. W., DiMarchi, J.J., Bakke, A., Masterman, S.J., and Minehane, D.L., 1997, Plutonic-related gold deposits of interior Alaska: Economic Geology Monograph 9, p. 191-241.

This report is a fluid inclusion study of interior Alaska's gold placers. The paper presents evidence that suggests a magmatic genesis for both fluids and metals within the interior Alaskan gold deposits. Also included is the data from metamorphogenic mesothermal gold occurrences. A map shows the sample locations. Tables and graphs are included in the report, which presents

the analysis of the data. This paper has useful geochemical data and radiometric dating.

Menzie, W.D., and Foster, H.L., 1979, Metalliferous and selected nonmetalliferous mineral resource potential in the Big Delta quadrangle, Alaska: U.S. Geological Survey Open-File Report 78-529D, 61 p., 1 sheet, scale 1:250,000.

This report discusses the occurrences and the mineral potential of the Big Delta quadrangle by mineral deposit type and tract. The assessment is based on the geology, geochemistry, geophysics, and telegeology (a type of remote sensing) of the area. Provides a map and a table of descriptions for prospects, mines, sulfide occurrences, and mineral deposit tracts. Includes geochemical data, grades, and tonnage models.

Mertie, J.B., Jr., 1930, Geology of the Eagle-Circle district, Alaska: U.S. Geological Survey Bulletin 816, 168 p., 1 sheet.

This report provides detailed geology, geography, and economic geology for the Eagle-Circle mining district. Includes pictures, figures, and a geologic map of the Eagle-Circle Mining District.

Mertie, J.B., Jr., 1937, The Yukon-Tanana region, Alaska: U.S. Geological Survey Bulletin 872, 276 p., 1 sheet.

This report provides detailed geology, geography, and economic geology for the Yukon-Tanana region. Includes pictures, figures, and a geologic map of the Yukon-Tanana region.

Metz, P.A., 1991, Metallogeny of the Fairbanks Mining District, Alaska and adjacent areas: London, Royal School of Mines, unpublished Ph.D. dissertation, 370 p.

This paper defines, classifies and explains genesis of several primary sources from which the placer gold deposits of the Fairbanks Mining District and surrounding areas were derived. Includes regional and general geology, placer and lode deposit descriptions, ore petrology, geochemistry, and economic analysis of major mineral deposits.

Metz, P.A., and Hawkins, D.B., 1981, A summary of gold fineness values from Alaska placer deposits: University of Alaska, Mineral Industry Research Laboratory Report No. 45, 63 p.

This report provides a summary of gold fineness values and statistics for Alaskan placer deposits. Values were determined using the mint return production records from 1900 to 1974 along with the true fineness formula. Organized and discussed by mining region and district. Includes data tables and graphs.

Moffit, F.H., 1942, Geology of the Gerstle River district, Alaska, with a report on the Black Rapids Glacier: U.S. Geological Survey Bulletin 926-B, p. 107-160, 2 sheets.

This report provides general geology, economic geology, and geography of the Gerstle River district. Also included is the geology and glaciology of the Black Rapids Glacier which belongs to the Delta River drainage system. Two maps come with this report, a topographic reconnaissance map and a geologic reconnaissance map of the Gerstle River district.

Mortenson, J.K., 1992, Pre-mid-Mesozoic tectonic evolution of the Yukon-Tanana terrane, Yukon and Alaska: Tectonics, v. 11, p. 836-853.

Mulligan, J.J., 1974, Mineral resources of the trans-Alaskan pipeline corridor: U.S. Bureau of Mines Information Circular 8626, 24 p.

This paper by the U.S. Bureau of Mines presents the investigated reports of mineral deposits within ten miles of the trans-Alaskan pipeline route from Prudhoe Bay to Valdez. It provides a

brief summary of the known mineral deposits and maps them by quadrangle.

Munter, J.A., and Maynard, D.L., 1987, Extent of ground-water contamination in Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigation 87-16, 17 p.

This is a report of the investigation of man-caused groundwater contamination in Alaska, mostly due to petroleum products, landfills, and waste-water. Includes maps of known contamination sites. Some sites are near the Tanana River.

Murphy, D.C., and Abbott, G., 1995, Northern Yukon-Tanana terrane: The equivalent of Yukon's western Selwyn Basin offset along the Tintina fault?: Geological Society of America, Abstracts with Programs, v. 27, no. 5, 26 p.

This abstract proposes a correlation between the Cleary sequence of Circle District, Alaska and the Devonian and Mississippian rocks of the Tombstone Thrust sheet of the Canadian Yukon. It also suggests that the upper contact of the Cleary sequence corresponds to the Robert Service Thrust. Murphy and Abbott continue to discuss "that much of northern Yukon-Tanana Terrane is not a "terrane" but a bona fide North American Selwyn Basin."

Nelson, G.L., 1995, Overview of environmental and hydrogeologic conditions near Big Delta, Alaska: U.S. Geological Survey Open-File Report 95-180, 11 p.

This is an environmental study to identify the possible disposal or spillage of hazardous materials in the Big Delta area. The report includes geologic and hydrologic data, and descriptions of the history, socioeconomics, and physical setting of the Big Delta area.

Newberry, R.J., 1995, An update on skarn deposits of Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 95-20, 72 p., 1 disk.

This file contains a compilation of geochemical data for skarn deposits in Alaska. The main focus for this analysis is to classify those skarn deposits that contain gold and other metals.

Newberry, R.J., and Burns, L.E., 1988, North Star Gold Belt, Alaska: a briefing report to assist in making a rockval mineral resource analysis: Alaska Division of Geological & Geophysical Surveys Public Data File 88-30, 55 p.

This is a report on the improvement of the geologic/ore deposit models and grade, tonnage, and prospect distribution models for studying lode gold resources in the North Star Gold Belt. Includes general geology of the North Star Gold Belt area.

Newberry, R.J., and Burns, L.E., 1989, The probabilistic estimation of gold resources in the Circle-Fairbanks-Kantishna area: Alaska Division of Geological & Geophysical Surveys Public Data File 89-9, 34 p., 1 sheet.

This is an assessment of the remaining lode gold resources located in the areas around Circle, Fairbanks, and Kantishna. Includes a map of the volcanogenic play locations.

Newberry, R.J., and Solie, D.N., 1995, Data for plutonic rocks and associated gold deposits in Interior Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 95-25, 62 p.

Topics discussed in this report include: an overview of plutonic rocks and ores in interior Alaska, the "porphyry" model and its implications for interior gold, and pluton-hosted gold deposits in interior Alaska.

Newberry, R.J., Burns, L.E., Solie, D.N., and Clautice, K.H., 1988, A revised geologic model for the North Star Gold Belt, interior Alaska: progress report: Alaska Division of Geological & Geophysical

Surveys Public Data File 88-23, 21 p.

This is a report on the improvement of the geologic/ore deposit models for studying lode gold resources in the North Star Gold Belt.

Newberry, R.J., Layer, P.W., Burleigh, R.E., and Solie, D.N., 1998, New (super 40) Ar/ (super 39) Ar dates for intrusions and mineral prospects in the eastern Yukon-Tanana Terrane, Alaska; regional patterns and significance, in Gray, J.E., and Riehle, J.R., eds., Geologic studies in Alaska by the U.S. Geological Survey, 1996: U.S. Geological Survey Professional Paper 1595, p. 131-159.

This report discusses the significance of new (super 40) Ar/ (super 39) Ar dates for the regional patterns of intrusions and mineral prospects in the eastern Yukon-Tanana terrane. Twenty samples were taken to represent 16 locations. Figures and tables included.

Olson, B.G., Burton, J., Wolff, E.N., and Swainbank, D., 1985, Mining and minerals in the golden heart of Alaska: Fairbanks North Star Borough Publication, 80 p.

This book gives a history of Fairbanks and its involvement in the mining industry of Alaska. It discusses the Fairbanks, Circle, Tolovana, and Richardson mining districts providing a brief general geology of the area and identifying the known mineral deposits. It also presents an infrastructure analysis with regard to transportation and energy sources.

Peapples, P.R., 2004, Summary of coalbed methane studies, Delta Junction area, Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2004-4B, 11 p.

This is a report on the investigation of the shallow gas potential of the eastern Nenana Basin in the Delta River area south of Delta Junction. Provides map of surveyed area.

Pewe, T.L., 1961, Multiple glaciation in the headwaters area of the Delta River, central Alaska, in U.S. Geological Survey Staff, Geological Survey Research 1961; Short papers in the Geologic and Hydrologic Sciences, Articles 293-435: U.S. Geological Survey Professional Paper 424-D, p. D200-D201.

This is a brief summary of the Quaternary glaciation activity around the area of High Valley and the headwaters of the Delta River.

Pewe, T.L., 1975, Quaternary stratigraphic nomenclature in unglaciated central Alaska: U.S. Geological Survey Professional Paper 862, 32 p.

This paper gives formal names to and defines in detail fifteen Quaternary stratigraphic units in unglaciated central Alaska. Radiometric data, maps, photos, and figures included.

Pilgrim, E.R., 1930, Report on placer mines visited in 1930 (Tenderfoot District, Delta River District, Chisana District, and Nizina District): Alaska Territorial Department of Mines Itinerary Report 195-12, 2 p.

This is a brief report on 1930 placer mining activity in Tenderfoot, Delta River, Chisana, and Nizina Districts.

Pilgrim, E.R., 1930, Report on the Delta River area: Alaska Territorial Department of Mines Miscellaneous Report 194-5, 23 p.

This report provides geography, general geology, and mineral resources of the Delta River area and its tributaries.

Prindle, L.M., 1905, The gold placers of the Fortymile, Birch Creek, and Fairbanks regions, Alaska: U.S.

Geological Survey Bulletin 251, 89 p.

This publication discusses the geography, economic geology and general geology of the Fortymile, Birch Creek, and Fairbanks regions with the main emphasis on gold placers. Maps of the Fortymile quadrangle and reconnaissance of the Fairbanks and Birch Creek districts are included.

Prindle, L.M., 1906, Yukon placer fields, *in* U.S. Geological Survey Staff, Report on progress of investigations of mineral resources of Alaska in 1905: U.S. Geological Survey Bulletin 284, p. 109-127.

This paper provides information about gold placers in the Yukon basin during 1905. Included are the Fairbanks, Salcha, Bonniefield, Kantishna, Fortymile, Birch Creek, Rampart and Koyukuk regions. The paper describes the regions' general and economic geology, and placer mining methods.

Prindle, L.M., 1908, The Fairbanks and Rampart quadrangles, Yukon-Tanana region, Alaska: U.S. Geological Survey Bulletin 337, 102 p.

This report discusses the geography, economic geology, and general geology of the Fairbanks and Rampart regions with emphasis on gold placers. This paper does encompass parts of the Big Delta quadrangle. Quadrangles have changed since the printing of this paper in 1908. The following paper is also included in this publication:

Casadevall, T.J., 1908, Water supply of the Fairbanks region, *in* Prindle, L.M., The Fairbanks and Rampart quadrangles, Yukon-Tanana region, Alaska: U.S. Geological Survey Bulletin 337, p. 51-63, scale 1:250,000.

This report discusses the economic development of the water resources and its effect on mining in the Fairbanks region. Includes a topographic map of the "Fairbanks quadrangle."

Hess, F.L., 1908, Placers of the Rampart region, *in* Prindle, L.M., The Fairbanks and Rampart quadrangles, Yukon-Tanana region, Alaska: U.S. Geological Survey Bulletin 337, p. 64-96, scale 1:250,000.

This report discusses the activity of the placer mines in the Rampart region during September of 1904. Includes a topographic map of the "Rampart quadrangle."

Prindle, L.M., 1913, A geologic reconnaissance of the Circle quadrangle, Alaska: U.S. Geological Survey Bulletin 538, 82 p., 2 sheets, scale 1:250,000.

This report discusses the geography, economic geology, and general geology of the Yukon-Tanana region and the "Circle quadrangle" with emphasis on gold placers. This paper does encompass parts of the Big Delta quadrangle. Quadrangles have changed since the printing of this paper in 1913. Includes topographic and geologic maps of the "Circle quadrangle."

Prindle, L.M., 1913, A geologic reconnaissance of the Fairbanks quadrangle, Alaska: U.S. Geological Survey Bulletin 525, 200 p., 5 sheets, scale 1:62,500.

This report discusses the geography and the general geology of the Yukon-Tanana region and the "Fairbanks quadrangle". This paper does encompass parts of the Big Delta quadrangle. Quadrangles have changed since the printing of this paper in 1913. Includes a reconnaissance, topographic and economic maps of the "Fairbanks quadrangle." The following paper is also included in this publication:

Prindle, L.M., and Katz, F.J., 1913, Detailed description of the Fairbanks district, *in* Prindle, L.M., A geologic reconnaissance of the Fairbanks quadrangle, Alaska: U.S. Geological Survey

Bulletin 525, p. 59-152.

This report discusses the economic geology and general geology of the "Fairbanks quadrangle" with emphasis on gold placers.

Pritchard, R.A., 2002, Project report of the airborne geophysical survey of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2002-4, 80 p., 1 sheet.

This report discusses the logistics of the airborne geophysical survey conducted over the southeast extension of the Salcha River-Pogo survey. Involves Big Delta quadrangles B-1 and B-2. A geologic interpretation map of the surveyed area is included. Electromagnetic anomalies are listed in a table.

Pulpan, Hans, Marshall, Diane, Biswas, N.N., Estes, Steve, Siegrist, R.D., Sexsmith, S., and Biesiot, H., 1984, Catalog of Alaskan earthquakes: January-March, 1984: Alaska Division of Geological & Geophysical Surveys Public Data File 84-14, 38 p.

This is a reference catalog of the earthquake occurrences in Alaska between January and March of 1984. Provides information about and discusses data collection and processing. Maps of earthquake epicenters are included.

Pulpan, Hans, Marshall, Diane, Biswas, N.N., Estes, Steve, Siegrist, R.D., Sexsmith, S., and Biesiot, H., 1984, Catalog of Alaskan earthquakes: July-September, 1983: Alaska Division of Geological & Geophysical Surveys Public Data File 84-12, 47 p.

This is a reference catalog of the earthquake occurrences in Alaska between July and September of 1984. Provides information about and discusses data collection and processing. Maps of earthquake epicenters are included.

Pulpan, Hans, Marshall, Diane, Biswas, N.N., Estes, Steve, Siegrist, R.D., Sexsmith, S., and Biesiot, H., 1984, Catalog of Alaskan earthquakes: October-December, 1983: Alaska Division of Geological & Geophysical Surveys Public Data File 84-13, 41 p.

This is a reference catalog of the earthquake occurrences in Alaska between October and December of 1984. Provides information about and discusses data collection and processing. Maps of earthquake epicenters are included.

Ransome, A.L., and Kerns, W.H., 1954, Names and definitions of regions, districts, and subdistricts in Alaska (used by the Bureau of Mines in statistical and economic studies covering the mineral industry of the Territory): U.S. Bureau of Mines Information Circular 7679, 91 p.

This paper presents a standard system of names and definitions of regions and districts for mineral industry economical and statistical studies. Maps are included.

Ray, S.R., 1990, Hydrologic and water quality investigations related to placer mining in interior Alaska: summer 1989: Alaska Division of Geological & Geophysical Surveys Public Data File 90-28, 61 p.

This publication reports the results of the investigation on the affects of placer mining on interior Alaska streams during the summer of 1989. The investigation involved monitoring measurements of turbidity, total suspended solids and discharge. Data tables are included.

Ray, S.R., 1991, Hydrologic and water quality investigations related to placer mining in interior Alaska; summer 1990: Alaska Division of Geological & Geophysical Surveys Public Data File 91-19, 61 p.

This publication reports the results of the investigation on the affects of placer mining on interior Alaska streams during the summer 1990. The investigation involved monitoring measurements of

turbidity, total suspended solids and discharge. Data tables are included.

- Ray, S.R.**, 1992, Hydrologic and water quality investigations related to placer mining in interior Alaska; summer 1991: Alaska Division of Geological & Geophysical Surveys Public Data File 92-4, 74 p.

This publication reports the results of the investigation on the affects of placer mining on interior Alaska streams during the summer of 1991. The investigation involved monitoring measurements of turbidity, total suspended solids and discharge. Data tables are included.

- Reed, I.M.**, 1937, Brief report on the Goodpaster quartz lode mining at the head of Johnson and Boulder Creeks: Alaska Territorial Department of Mines Miscellaneous Report 59-1, 1 p.

This is a brief report on the mining of lead in the Goodpaster area in 1937 at the head of Johnson and Boulder Creeks.

- Reger, D.R.**, and Pewe, T.L., 2003, Geologic map of the Big Delta A-4 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigation 2002-2, 1 sheet.

This is a geologic map of the Big Delta A-4 quadrangle. Map is in color and includes topography. Also provided is a detailed description and correlation of the map units, an aerial photograph of the area, and a discussion of the mapped area.

- Reger, R.D.**, 1987, Survey of the sand-and-gravel potential of legislatively designated replacement pool lands in Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 88-2, 18 p., 227 sheets.

This publication summarizes the results of the aggregate potential survey of Legislatively Designated (Replacement) Pool Lands in Alaska. For the concern of the Big Delta quadrangle, this survey includes the Tanana Valley State Forest. Involves the following area maps of the Big Delta quadrangle: A-1 through 5, B-3 through 6, C-4 through 6, D-5 and D-6.

- Reger, R.D.**, 1987, Survey of the sand-and-gravel potential of mental health grant lands in Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 87-28, 156 p., 84 sheets.

This publication summarizes the results of the aggregate potential survey of Mental Health Grant Lands in Alaska. Involves the Big Delta quadrangles B-6, C-6, D-5, and D-6.

- Reger, R.D.**, 1988, Estimated exploration costs for dollar valuation of aggregate resources in mental health grant (trust) lands and legislatively designated replacement pool lands in Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 88-14, 32 p., 89 sheets.

This publication is a cost estimation for collecting subsurface data for the aggregate resources in in the Mental Health Grant (Trust) Lands. Involves Big Delta quadrangles B-5, B-6, C-6, D-5, and D-6.

- Reger, R.D.**, 1988, Status of geologic data for active material sites on mental health grant (trust) lands in Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 88-20, 54 p., 23 sheets.

This publication summarizes the status of available geologic data for active material sites on the Mental Health Grant (Trust) Lands. Discusses the amount of material proposed for removal. Includes maps of Big Delta quadrangles B-6 and D-5.

- Robinson, M.S.**, 1986, Tungsten and arsenic concentrations in rock, pan concentrate, and stream sediment samples from the Steele Creek area, northeast of Fairbanks: Alaska Division of Geological & Geophysical Surveys Public Data File 86-81, 6 p.

This publication is the collected data for tungsten and arsenic concentrations in rock, pan concentrate and stream sediment samples in the Steele Creek area. Includes data tables and sample locations.

Roehm, J.C., 1939, Summary report of miscellaneous investigations in the Fairbanks, Fortymile, Knik and Kenai precincts: Alaska Territorial Department of Mines Itinerary Report 195-27, 28 p.

This report briefly summarizes mining activity at select locations in Alaska in 1939. Includes reports around the Goodpaster, Fortymile, and Fairbanks districts.

Saltus, R.W., Meyer, J.F., Barnes, D.F., and Morin, R.L., 1997, Tectono-geophysical domains of interior Alaska as interpreted from new gravity and aeromagnetic data compilations, *in* Dumoulin, J.A., and Gray, J.E., eds., *Geologic studies in Alaska by the U.S. Geological Survey, 1995: U.S. Geological Survey Professional Paper 1574*, p. 157-171.

This report identifies and discusses 20 tectono-geophysical domains in Alaska as a result of analyzing a compilation of aeromagnetic data, gravity data, and previously mapped lithotectonic boundaries in Alaska.

Sampson, J.A., Labson, V.F., and Long, C.L., 1992, Electrical resistivity cross sections in east-central Alaska, *in* Bradley, D.C., and Ford, A.B., eds., *Geologic studies in Alaska by the U.S. Geological Survey, 1990: U.S. Geological Survey Bulletin 1999*, p. 223-227.

This report presents three electrical resistivity cross sections in the Livengood, Fairbanks, Big Delta, and Tanana quadrangles as part of the Trans-Alaska Crustal Transect program. The cross sections are from Delta Junction to the Yukon, Manley Hot Springs to Livengood, and from Livengood across the White Mountain National Recreation Area.

Saunders, R.H., 1954, Report on the examination of the Ricks prospect, Big Delta quadrangle, Alaska: Territory of Alaska, Department of Mines Properties Examined 59-1, 15 p.

This report focuses on Ricks nickel prospect located near the North Fork of the Salcha River. There is a brief discussion of the accessibility of the area and information about the location's physical features, climate, and geology. Also included are the assays of five samples and a map of the area.

Saunders, R.H., 1958, Report on the examination of a graphite prospect near French Creek, Fairbanks District: Alaska Territorial Department of Mines Prospect Evaluation 59-2, 2 p.

This report summarizes the examination of a graphite prospect outside Eielson Air Force Base. The graphite is of low grade and is not of commercial importance.

Saunders, R.H., 1965, A geochemical investigation in the Richardson area, Big Delta quadrangle, Alaska: Alaska Division of Mines and Minerals, Geochemical Report 3, 11 p.

This report focuses on the geochemical investigation of heavy metals and trace elements in the Richardson area. There is a brief discussion of the accessibility and history of the area, information about the location's geology, and the results of the geochemical investigation. Included are maps of the geology and stream sediment samples of the Richardson area.

Saunders, R.H., 1967, Mineral occurrences in the Yukon-Tanana region, Alaska: Alaska Division of Mines and Minerals Special Report 2, 58 p.

This report focuses on selected mineral occurrences of economic importance in the Yukon-Tanana region. Descriptions and locations of the available mineral commodities are included.

There is a discussion of the history, economic development, and accessibility of the area. Information is provided about the location's physical features, climate, and geology. Also included are maps showing mineral occurrences and placer-mined areas in the Yukon-Tanana region.

Sloan, C.E., Zenone, C., and Mayo, L.R., 1976, Icings along the Trans-Alaska pipeline route: U.S. Geological Survey Professional Paper 979, 31 p.

This is a report on the icing observed on the trans-Alaska pipeline route between 1969 and 1974. Discusses the displacement of existing icings and the creation of new icings that suspected to occur from the construction of the pipeline, roads, and pump stations. Includes maps and photographs.

Smith, Moira, 1998, 1998 Exploration update on the Pogo property, Goodpaster River district, Alaska [abs.], in Mining, Alaska's State and Native Lands, Anchorage, Alaska: Alaska Miners Association, 1998 Proceedings, p. 65.

Smith, Moira, 1999, Gold mineralization on the Pogo claims, east-central Alaska [abs.], in Cordilleran Exploration Roundup: Vancouver, British Columbia, 16th Cordilleran Exploration Roundup Proceedings, p. 73.

Smith, P.S., 1925, Mineral industry of Alaska in 1924, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1924: U.S. Geological Survey Bulletin 783, p. 1-30.

This report briefly summarizes the progress of the mineral industry in Alaska for the year 1924, with an emphasis on gold. This report also briefly discusses copper, silver, lead, tin, platinum metals, other miscellaneous metals, coal, petroleum, and structural materials.

Smith, P.S., 1930, [Mineral resources of Alaska, report on progress of investigations in 1927] Administrative report, in U.S. Geological Survey Staff, Mineral resources of Alaska, report on progress of investigations in 1927: U.S. Geological Survey Bulletin 810, p. 65-86.

This report briefly summarizes the progress of the mineral industry in Alaska for the year 1927, with an emphasis on the project activities of the Geological Survey in Alaska. This report discusses the work on mineral resources, the projects in progress during the 1927 field season, the projects planned for the 1928 field season, and the expenditures and leasing work.

Smith, P.S., 1938, Mineral industry of Alaska in 1936: U.S. Geological Survey Bulletin 897-A, p. 1-107, 2 sheets, scale 1:5,000,000.

This is a report on the progress of the mineral industry in Alaska for the year 1936, with an emphasis on gold production. This report also discusses the production of silver, copper, lead, platinum metals, tin, coal, petroleum, and other miscellaneous mineral products. Includes a map showing areas covered by selected available reports and maps of Alaska and a selected list of Geological Survey publications on Alaska as of 1937.

Smith, P.S., 1939, The mineral industry of Alaska in 1937: U.S. Geological Survey Bulletin 910-A, p. 1-113, 2 sheets, scale 1:5,000,000.

This is a report on the progress of the mineral industry in Alaska for the year 1937, with an emphasis on gold production. This report also discusses the production of silver, copper, lead, platinum metals, tin, coal, petroleum, and other miscellaneous mineral products. Includes a map showing areas covered by selected available reports and maps of Alaska and a selected list of Geological Survey publications on Alaska as of 1938.

Smith, P.S., 1939, The mineral industry of Alaska in 1938: U.S. Geological Survey Bulletin 917-A, p. 1-113, 2 sheets, scale 1:5,000,000.

This is a report on the progress of the mineral industry in Alaska for the year 1938, with an emphasis on gold production. This report also discusses the production of silver, platinum metals, copper, lead, tin, coal, petroleum, and other miscellaneous mineral products. Includes a map showing areas covered by selected available reports and maps of Alaska and a selected list of Geological Survey publications on Alaska as of 1939.

Smith, P.S., 1941, Mineral industry of Alaska in 1939: U.S. Geological Survey Bulletin 926-A, p. 1-106, 2 sheets, scale 1:5,000,000.

This is a report on the progress of the mineral industry in Alaska for the year 1939, with an emphasis on gold production. This report also discusses the production of silver, platinum metals, copper, lead, tin, coal, petroleum, and other miscellaneous mineral products. Includes a map showing areas covered by selected available reports and maps of Alaska and a selected list of Geological Survey publications on Alaska as of 1940.

Smith, P.S., 1942, Mineral industry of Alaska in 1940: U.S. Geological Survey Bulletin 933-A, p. 1-102, 2 sheets, scale 1:5,000,000.

This is a report on the progress of the mineral industry in Alaska for the year 1940, with an emphasis on gold production. This report also discusses the production of silver, platinum metals, copper, lead, tin, coal, petroleum, and other miscellaneous mineral products. Includes a map showing areas covered by selected available reports and maps of Alaska and a selected list of Geological Survey publications on Alaska as of 1942.

Smith, T.E., Robinson, M.S., and Nokleberg, W.J., 1987, Significant metalliferous lode deposits, east-central Alaska, *in* Nokleberg, W.J., Bundtzen, T.K., Berg, H.C., Brew, D.A., Grybeck, Donald, Robinson, M.S., Smith, T.E., and Yeend, W.E., Significant metalliferous lode deposits and placer districts of Alaska: U.S. Geological Survey Bulletin 1786, p. 32-40.

This report provides a list of metalliferous lode deposits in the Yukon-Tanana Upland and northern Alaska Range Region in east-central Alaska. Listed information includes: map number with latitude and longitude, name of lode deposit, commodities, type of lode deposit and geologic host unit, tonnage and grade, production (if known), and a brief description of the major features of the deposit. Report includes a map showing locations of significant metalliferous lode deposits of Alaska.

Smith, T.E., Robinson, M.S., Weber, F.R., Waythomas, C.F., and Reifensuhl, R.R., 1994, Geologic map of the Upper Chena River area, eastern interior Alaska: Alaska Division of Geological & Geophysical Surveys Professional Report 115, 19 p., 1 sheet.

This report maps and describes the surficial and bedrock geology of the upper Chena River.

Solie, D.N., Burns, L.E., and Newberry, R.J., 1990, Gold favorability in the Big Delta Quadrangle, Alaska, as predicted by discriminant analysis for non-porphyry granitic rocks: Alaska Division of Geological & Geophysical Surveys Public Data File 90-13, 16 p., 2 sheets.

This paper uses geochemical data and specific discriminant functions to discuss the favorability of gold mineralization in plutons of the Big Delta Quadrangle. Includes two maps: One showing plutons, sample locations, and K-Ar ages in the Big Delta Quadrangle; and the other shows the calculated gold favorability of the Big Delta Quadrangle.

Southworth, D.D., 1985, Geologic and geochemical investigations, Nail Ridge area, northwest Big Delta Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Public Data File 85-38, 19 p., 1 sheet.

This paper provides information about the general geology and mineral occurrences of the Nail Ridge area, located in Big Delta Quadrangles C-2, C-3, D-2 and D-3. A geochemical analyses of

rock samples, stream sediment, and pan concentrate were used to conclude that Nail Ridge has very low economic potential. Includes a map of the bedrock geology and sample locations in the Nail Ridge area.

Stanley, R.G., Flores, R.M., and Wiley, T.J., 1992, Fluvial facies architecture in the Tertiary Usibelli Group of Suntrana, central Alaska, in Bradley, D.C., and Ford, A.B., eds., Geologic studies in Alaska by the U.S. Geological Survey, 1990: U.S. Geological Survey Bulletin 1999, p. 204-211.

This paper provides information about the stratigraphy and sedimentology of the Usibelli Group at Suntrana. Three types of fluvial facies are discussed along with the implications for petroleum occurrence in the middle Tanana Basin.

Stanley, R.G., McLean, Hugh, and Pawlewicz, M.J., 1990, Petroleum source potential and thermal maturity of the Tertiary Usibelli Group of Suntrana, central Alaska, in Dover, J.H., and Galloway, J.P., eds., Geologic studies in Alaska by the U.S. Geological Survey, 1989: U.S. Geological Survey Bulletin 1946, p. 65-76.

This paper discusses the potential sources for oil and gas in the Usibelli Group at Suntrana. A summary of the Rock-Eval and vitrinite reflectance data is included. The quantity and types of organic matter, the thermal maturity, and the implications for petroleum occurrence in the middle Tanana Basin are also discussed.

Stephens, Mark, 2000, Project report of the geophysical survey of the Salcha River-Pogo mining area, central Alaska: Alaska Division of Geological & Geophysical Surveys Geophysical Report 2000-23, 327 p., 2 sheets.

These are black and white geophysical interpretation maps of the 2000 survey conducted in the Salcha River-Pogo mining area on a scale of 1:63,360. The maps show faults, contacts, and electromagnetic properties.

Stull, R.L., and Peapples, P.R., 2003, Coal analyses (proximate and ultimate) from the Delta Junction area, Alaska: Alaska Division of Geological & Geophysical Surveys Raw Data File 2003-1, 13 p.

This is a report of the coal analyses performed at Jarvis Creek, Ober Creek Mine, Coal Creek, Little Delta River, and Delta Creek. Provides sample locations and both proximate and ultimate analysis.

Sturmann, A.G., 1986, Mining-claim information for the Big Delta Quadrangle, Alaska (1985): Alaska Division of Geological & Geophysical Surveys Report of Investigation 86-18, 4 p., 1 sheet.

This report produces a map of mining claim information available from the Alaska Division of Mining (DOM) for the Big Delta Quadrangle as of 1986. The information is cross-indexed by owner, claim, and geographic location.

Swainbank, R.C., Burton, J.P., and Metz, P.A., 1984, Bedrock geology of the Richardson mining district, Alaska: University of Alaska, Mineral Industry Research Laboratory Open-File Report 84-2, 60 p., 8 maps, scale 1:40,000.

This paper focuses on the bedrock geology of the Richardson mining district and adjacent areas. Much of the examination was along the Richardson Highway. Provides information about the regional and general geology, geochemistry, geochronology, remote sensing, geophysics, and the economic geology of the area. Includes maps of the locations of geologic stations, as well as geologic maps with structural and geochemical information.

Teck Resources Inc., 1998, Pogo project advanced exploration program, Stage II application and plan of operations: Teck Resources Inc. Report, 75 p.

Thomas, B.I., 1946, Report of mining investigations along the Richardson, Nabesna, Edgerton, and Glen Allen Highways: Alaska Territorial Department of Mines Itinerary Report 195-46, 9 p.

This is an investigative report on the mining activity along the Richardson, Nabesna, Edgerton and Glen Allen Highways during September 1946. The report is organized by mining districts.

Thomas, B.I., 1970, Reconnaissance of the gold-bearing quartz veins in the Tibbs Creek area, Goodpastor River, Big Delta quadrangle, central Alaska: U.S. Bureau of Mines Open-File Report 14-70, 12 p.

Turner, D.L., Grybeck, D.G., and Wilson, F.H., 1975, Radiometric dates from Alaska: A 1975 compilation: Alaska Division of Geological & Geophysical Surveys Special Report 10, 66 p.

This is a compiled list of the radiometric dates from Alaska outlined by quadrangle as of 1975. Provides sample location, rock type, method used, and radiometric dates.

Wahrhaftig, Clyde, 1965, Physiographic divisions of Alaska: U.S. Geological Survey Professional Paper 482, 52 p., 6 sheets.

This paper describes the physiographic classifications and divisions of Alaska. Includes topographic maps and aerial photograph illustrating the physiography of the Interior Plains, Rocky Mountain System, and Intermontane Plateaus in Alaska.

Weber, F.R., Foster, H.L., Keith, T.E.C., and Cantelow, A.L., 1975, Reconnaissance geologic map of the Big Delta A-1 and B-1 quadrangles, Alaska: U.S. Geological Survey Miscellaneous Field Studies 676, 1 sheet, scale 1:63,360.

This is a geologic map of the Big Delta A-1 and B-1 quadrangles. Includes descriptions and correlations of map units.

Weber, F.R., Foster, H.L., Keith, T.E.C., Dusel-Bacon, C., 1978, Preliminary geologic map of the Big Delta quadrangle, Alaska: U. S. Geological Survey Open-File Report 78-529A, 1 sheet, scale 1:250,000.

This is a preliminary geologic map of the Big Delta quadrangle. Includes descriptions and correlations of map units.

Werdon, M.B., Athey, J.E., Szumigala, D.J., Newberry, R.J., Grady, J.C., and Munly, W.C., 2001, Major oxide, minor oxide, trace element, and geochemical data from rocks collected in the Salcha River-Pogo area in 2000, Big Delta and northwestern Eagle quadrangles, Alaska: Alaska Division of Geological & Geophysical Surveys Raw Data File 2001-1, 19 p., 1 sheet.

This publication reports the geochemical data collected from rocks in the Salcha River-Pogo area. Tables include location data, rock descriptions, and analytical results for each sample.

Werdon, M.B., Newberry, R.J., Athey, J.E., and Szumigala, D.J., 2004, Bedrock geologic map of the Salcha River-Pogo area, Big Delta Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigation 2004-1B, 19 p., 1 sheet.

This a detailed map of the bedrock geology of the Salcha River-Pogo area. Includes rock unit descriptions.

Werdon, M.B., Newberry, R.J., Athey, J.E., Szumigala, D.J., Freeman, L.K., Lessard, R.R., Hendry, K.R., and Wiltse, M.A., 2004, Major-oxide, minor-oxide, trace-element, and geochemical data from rocks collected in the Big Delta Quadrangle, Alaska in 2002: Alaska Division of Geological &

Geophysical Surveys Raw Data File 2003-2, 45 p.

This publication reports the geochemical data collected from rocks in the Big Delta quadrangle. Tables include location data, rock descriptions, and analytical results for each sample.

Werdon, M.B., Newberry, R.J., Szumigala, D.J., and Burns, L.E., 2001, Reconnaissance bedrock geology of the Pogo area, Big Delta B-2 and B-3 Quadrangles, Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2001-5, 1 sheet.

This is a color plot of the bedrock geology of the Pogo area. Involves Big Delta Quadrangles B-2 and B-3. Includes topography This publication has been superseded by RI 2004-1B.

Wescott, E.M., 1982, Evaluation of geophysical methods in the Fairbanks Mining District: Alaska Division of Geological & Geophysical Surveys Alaska Open-File Report 171, 28 p.

This report discusses the effectiveness of several geophysical methods in appraising a mineral resource. Data was collected in selected areas of the Fairbanks mining district.

Williams, J.A., 1951, 1951 mining operations in the Fairbanks district of the Fairbanks precinct: Alaska Territorial Department of Mines Miscellaneous Report 194-14, 8 p.

This report summarizes the mining operations of the Fairbanks District in 1951. The report lists the mining operators and their progress for the year.

Wilson, F.H., and Turner, D.L., 1975, Radiometric age map of southcentral Alaska: Alaska Division of Geological & Geophysical Surveys Alaska Open-File Report 85, 13 p., 1 sheet.

This report is a compilation of radiometric data in southcentral Alaska as of 1975. The data is plotted on a map.

Wiltse, M.A., 1991, National uranium resource evaluation (NURE) geochemical data for stream and lake sediment samples, Alaska, Big Delta Quadrangle: Alaska Division of Geological & Geophysical Surveys Public Data File 91-22G, 33 p., 1 disk.

This report provides a summary of the geochemical data for the Big Delta Quadrangle. Samples were taken from stream and lake sediments.

Wiltse, M.A., Clautice, K.H., Burns, L.E., Gilbert, W.G., Accolade Mines Inc., Tam, Jean, Pessel, G.H., Smith, T.E., Bundtzen, T.K., Robinson, M.S., Bakke, A.A., Duce, P., Fogel, Edward, Colter, Gary, and Moddrow, C., 1988, Mineral potential of Alaska mental health trust and replacement pool lands: Alaska Division of Geological & Geophysical Surveys Public Data File 88-4, 40 p., 49 sheets.

This publication has little relevance to the Big Delta Quadrangle. The focus is concentrated mainly on the mineral assessment of Alaska's Mental Health Trust Lands. Figure 1 shows a map of the areas that were assessed.

Wimmler, N.L., 1922, Placer mining in Alaska in 1924 and 1925: Alaska Territorial Department of Mines Miscellaneous Report 195-10, 229 p.

This seems to be a rough draft version of Wimmler's Miscellaneous Report 195-8. See below.

Wimmler, N.L., 1925, Placer mining in Alaska in 1925: Alaska Territorial Department of Mines Miscellaneous Report 195-8, 115 p.

This report that summarizes the placer mining in Alaska in 1925. Organized by districts.

Wood, J.E., 1991, Preliminary results of heavy minerals concentrate analysis from selected interior and western Alaska placer mines: Alaska Division of Geological & Geophysical Surveys Public Data File 92-2, 8 p.

This file includes data from a heavy metal analysis of several placer mines around Alaska. The information has limited value to the Big Delta area.

Wrather, W.E., 1943, Coal in Alaska: Alaska Territorial Department of Mines Miscellaneous Report 195-26, 10 p.

This report gives a brief summary of the coal occurrences in Alaska as of 1943. Also includes excerpts from correspondence written during exploration. Has little information in regards to the Big Delta area.

Yeend, W.E., Bundtzen, T.K., and Nokleberg, W.J., 1987, Significant placer districts of Alaska, *in* Nokleberg, W.J., Bundtzen, T.K., Berg, H.C., Brew, D.A., Grybeck, Donald, Robinson, M.S., Smith, T.E., and Yeend, W.E., Significant metalliferous lode deposits and placer districts of Alaska: U.S. Geological Survey Bulletin 1786, p. 73-82.

This report identifies and describes known metalliferous lode deposits in Alaska and accompanies a map showing locations of significant metalliferous placer districts of Alaska.

Archaeological & Cultural:

Gibson, D.E., 1984, Cultural resources survey: 1983 investigations of Rika's Landing State Historic Site Roadhouse, Barn, and Blacksmith Shop: Alaska Division of Geological & Geophysical Surveys Public Data File 84-17, 118 p., 4 sheets.

This is a report on the archaeological investigation at Rika's Landing State Historic Site to locate any historic or prehistoric resources which might be affected by the restoration of the roadhouse, barn, and blacksmith shop. Four maps are included.

Holmes, C.E., and Mishler, C.W., 1983, Cultural resources survey: Clearwater State Recreation Site: Alaska Division of Geological & Geophysical Surveys Public Data File 84-22, 33 p.

This is a report on the archaeological investigation of the Clearwater States Recreation Site to locate any historic or prehistoric resources which might be affected by the new construction of an access road, parking lot, and boat ramp.

Holmes, C.E., and Mishler, C.W., 1983, Cultural resources survey: Quartz Lake State Recreation Site access road and Lost Lake Camping Loop: Alaska Division of Geological & Geophysical Surveys Public Data File 84-23, 32 p.

This is a report on the archaeological investigation of the Quartz Lake State Recreation Site to locate any historic or prehistoric resources which might be affected by the construction of a proposed road alignment and campsite development.

Mishler, C.W., 1986, Born with the River: An ethnographic history of Alaska's Goodpaster and Big Delta Indians: Alaska Division of Geological & Geophysical Surveys Report of Investigation 86-14, 137 p.

This is paper about the ethnographic history of the Goodpaster and Big Delta Indians. Information of their social, political, and cultural history is described in detail.

Mishler, C.W., Holmes, C.E., and Stern, R.O., 1984, The old trading post at Big Delta: a study in history and archaeology: Alaska Division of Geological & Geophysical Surveys Public Data File 84-31, 179 p.

This is a detailed report on the archaeological investigation at Rika's Landing State Historic Site. Provides information about the local environment, regional and local history, and artifact descriptions and analysis.

Agricultural:

Inghram, M.G., and Collazzi, E.J., 1984, Report of winds from the Delta II East Wind Station - 1983: Alaska Division of Geological & Geophysical Surveys Public Data File 84-41, 185 p.

This is a report of the data collected in 1983 at the Delta II East Wind Station as part of the Alaska Agricultural Wind Monitoring Network. The station's location is "near the old sawmill on the banks of the Gerstle River within half a mile of the new access road," (Mt. Hayes D-2 Quadrangle, 63.8519°N Latitude 144.9506°W Longitude).

Aist, Christina G.

From: Ovation and The Lawyers' Travel Service Itin/Options [autoinfo@ovationtravel.com]
Sent: Thursday, March 23, 2006 10:54 AM
To: Aist, Christina G.
Subject: Travel Itinerary 19OCT IAD FLOYD KUSSKE



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KB)

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FLOYD KUSSKE/KATHRYN A 5532-90011,01051

23Mar06 10:53am
MAYER BROWN ROWE AND MAW
1909 K STREET NW
WASHINGTON DC 20006

Booking locator: DGYCWA
Fare: \$420.44

TRANSACTION FEE IS 45.00 FOR TICKETS ISSUED.
PLEASE SEE **IMPORTANT** FARE INFORMATION BELOW

19Oct06 08:40am Thursday

Air United Airlines Flight# 229 Class:V Seat:13D
From: Washington Dulles DC, 19Oct06 08:40am Thursday
To: San Diego CA, USA 19Oct06 11:08am Thursday
Meal: Food For Purchase Equip: Airbus Jet Status: Confirmed
Stops: 0

ARR-TERMINAL 1
STAR ALLIANCE
United Airlines locator: KQV0DW

22Oct06 08:15am Sunday

Air United Airlines Flight# 918 Class:V Seat:12C
From: San Diego CA, USA 22Oct06 08:15am Sunday
To: Washington Dulles DC, 22Oct06 04:05pm Sunday
Meal: Food For Purchase Equip: Airbus A320 Jet Status: Confirmed
Stops: 0

DEP-TERMINAL 1
STAR ALLIANCE
United Airlines locator: KQV0DW

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LICENSE WITH A PICTURE ALONG WITH ANOTHER FORM OF
PASSPORT AND A CREDIT CARD ..ETC
CHECK IN 2HRS PRIOR TO SCHEDULED DEPARTURE OF FLIGHT
CHECK AT GATE 30 MINUTES PRIOR TO SCHEDULED DEPARTURE
TIME TO AVOID CANCELLATION OF SEATS
CHECK W/CARRIER AT GATE TO ENSURE PROPER MILEAGE CREDIT

PLEASE NOTE THAT FARE BOOKED IS NON-REFUNDABLE.
CHANGES ARE SUBJECT TO A SERVICE FEE PLUS ANY INCREASE
IN AIR FARE.
NON REFUNDABLE TICKETS MUST BE CANCELED PRIOR TO
THE SCHEDULED DEPARTURE, AND MAY BE USE UP TO ONE YEAR.
IF THE FARE IS NOT CANCELED PRIOR TO THE DEPARTURE
THE TICKET HAS NO VALUE.

.....
NO CAR RESERVATION REQUESTED.
NO HOTEL RESERVATION REQUESTED

Ticket Information

| | | | |
|------------------------|---------------|----------------------|--------|
| FLOYD KUSSKE KATHRYN A | | | |
| Ticket#: | 0161365609074 | Ticket Base Fare: | 371.94 |
| Invoice#: | 0005613 | Ticket Tax: | 48.50 |
| | | Total Ticket Amount: | 420.44 |
| Electronic: YES | | | |

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